

Datasheet for ABIN1538594
anti-KIT antibody (AA 708-737)



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1 Image

Overview

Quantity:	400 µL
Target:	KIT
Binding Specificity:	AA 708-737
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KIT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 708-737 amino acids from the Central region of human KIT.
Clone:	RB39720
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KIT
Alternative Name:	KIT (KIT Products)

Target Details

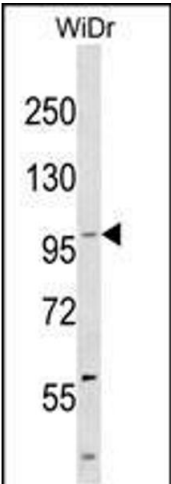
Background:	This is the receptor for stem cell factor (mast cell growth factor). It has a tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of KIT and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K).
Molecular Weight:	109865
Gene ID:	3815
NCBI Accession:	NP_000213 , NP_001087241
UniProt:	P10721
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	KIT Antibody (Center Y730) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. KIT Antibody (Center) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the KIT antibody detected the KIT protein (arrow).